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1 between the first complex and the second antibody, thereby immobilizing the CD8⁺ cells present in the sample;

- (d) separating from the resulting immobilized second complex the cells present in the sample which were not immobilized in step (c);
- (e) contacting the immobilized second complex under suitable conditions with an agent which causes the dissociation of the second complex into CD8⁺ cells and an immobilized third complex between the first antibody and second antibody; and
- (f) separating the immobilized third complex from the CD8⁺ cells, thereby isolating the CD8⁺ cells.

- a2 6. (Amended) The method of claim 1, wherein the agent which causes the dissociation of immobilized third complex is the polypeptide designated CD8-3 and having the amino acid sequence AAEGLDTRFSG (SEQ ID NO:1).

- a3 11. (Amended) A polypeptide useful for generating the monoclonal antibody of claim 9 which comprises the amino acid sequence AAEGLDTRFSG (SEQ ID NO:1).

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12. (Amended) The polypeptide of claim 11, wherein the polypeptide is the polypeptide designated CD8-3 and having the amino acid sequence AAEGLDTRFSG (SEQ ID NO:1).

- a4 14. (Amended) A kit for use in isolating CD8⁺ cells which comprises, in separate compartments,
- (a) an antibody which specifically binds to the sequence AAEGLDTRFSG (SEQ ID NO:1), or portion thereof, on CD8 molecules present on the surface of CD8⁺ cells, but does not activate the CD8⁺ cells once bound thereto; and
- (b) an agent which causes the dissociation of a CD8⁺ cell-antibody complex.